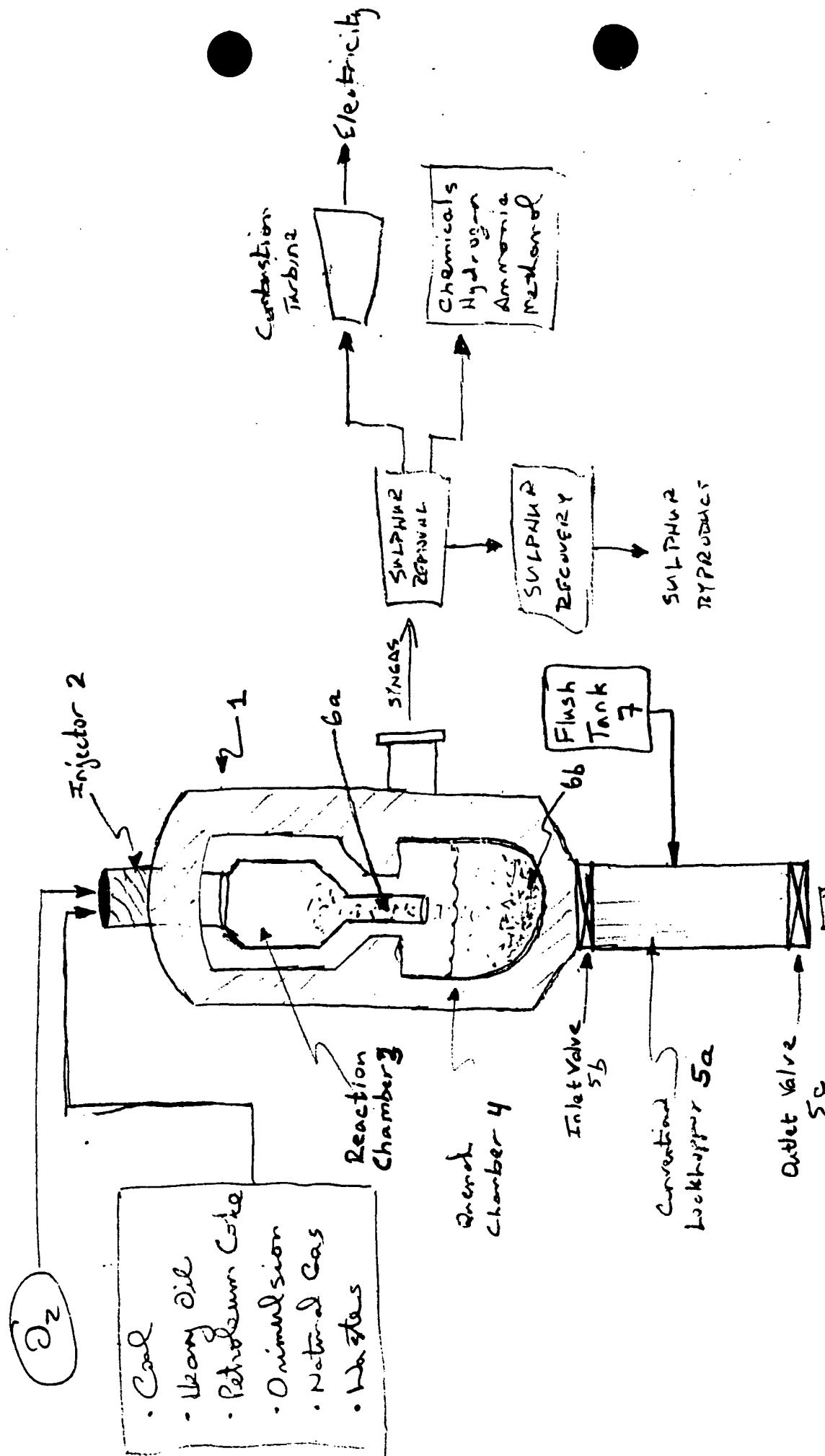


Feedstock

Gasification

Gas CLEAN-UP

END PRODUCTS



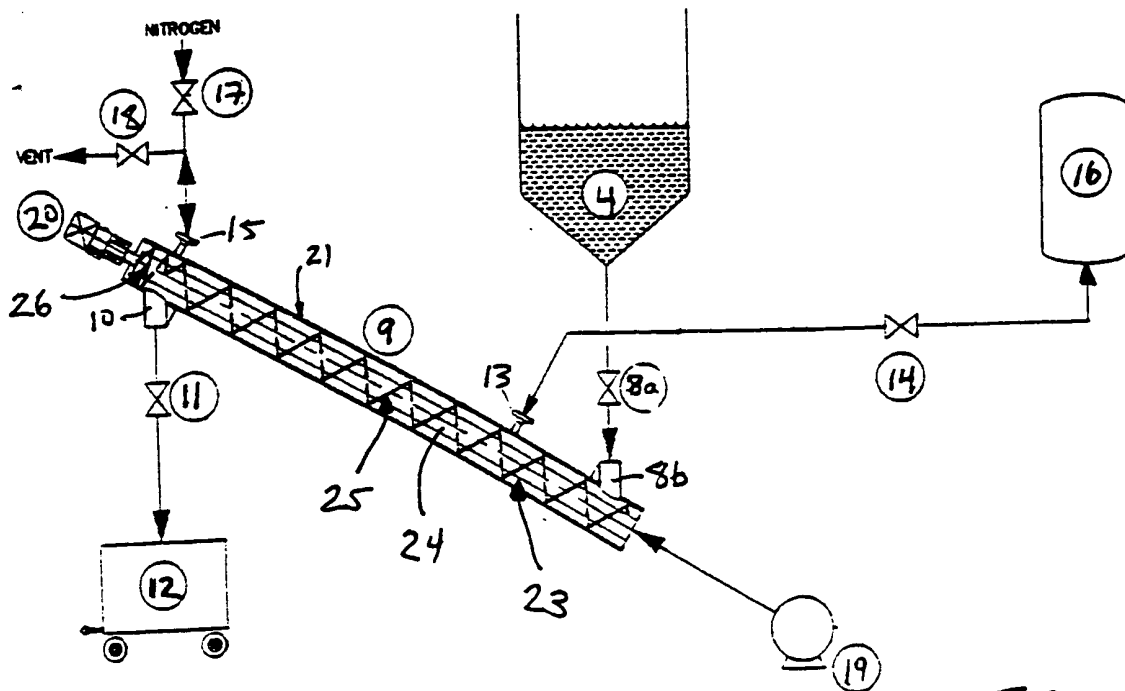


FIG. 2a

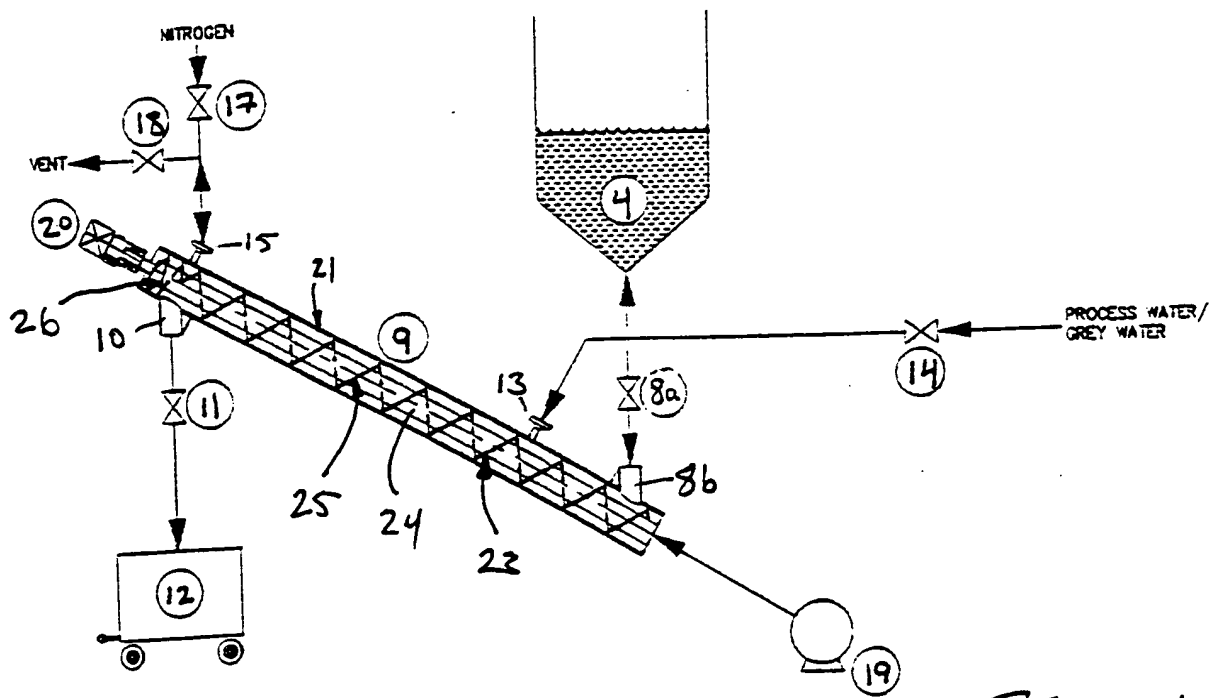


FIG. 2b

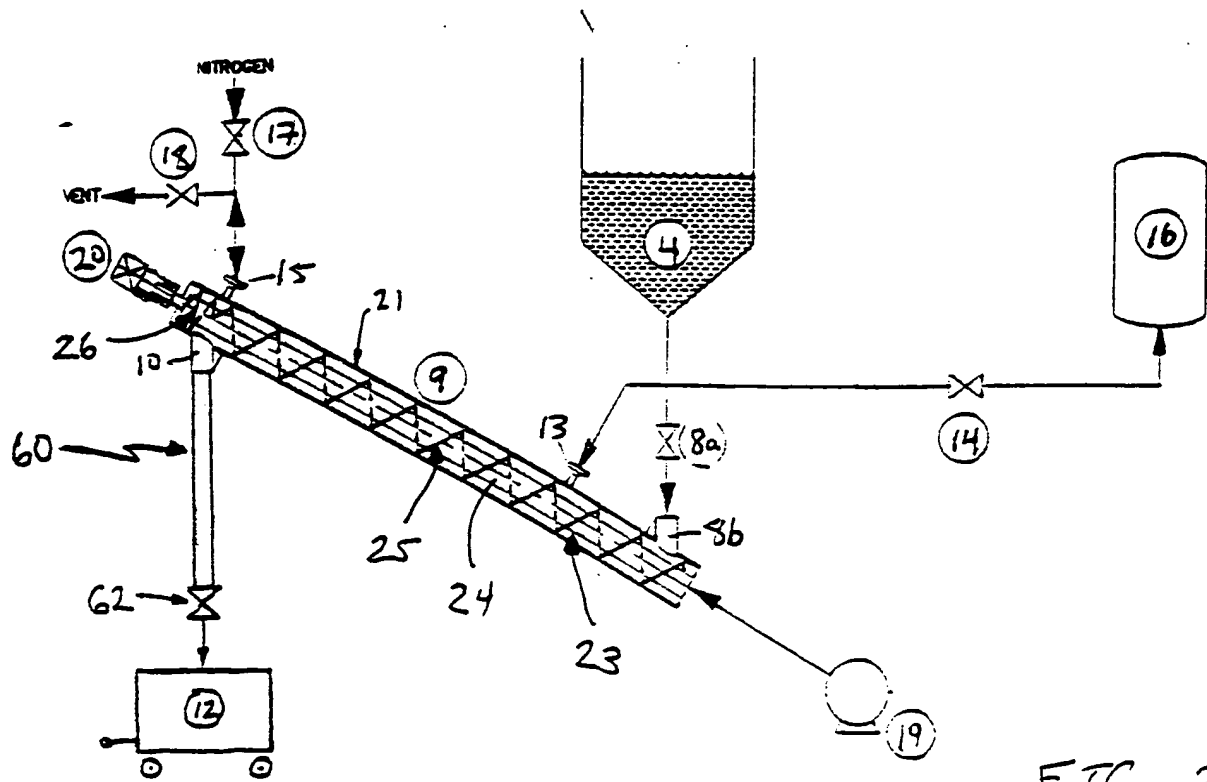


FIG. 2c

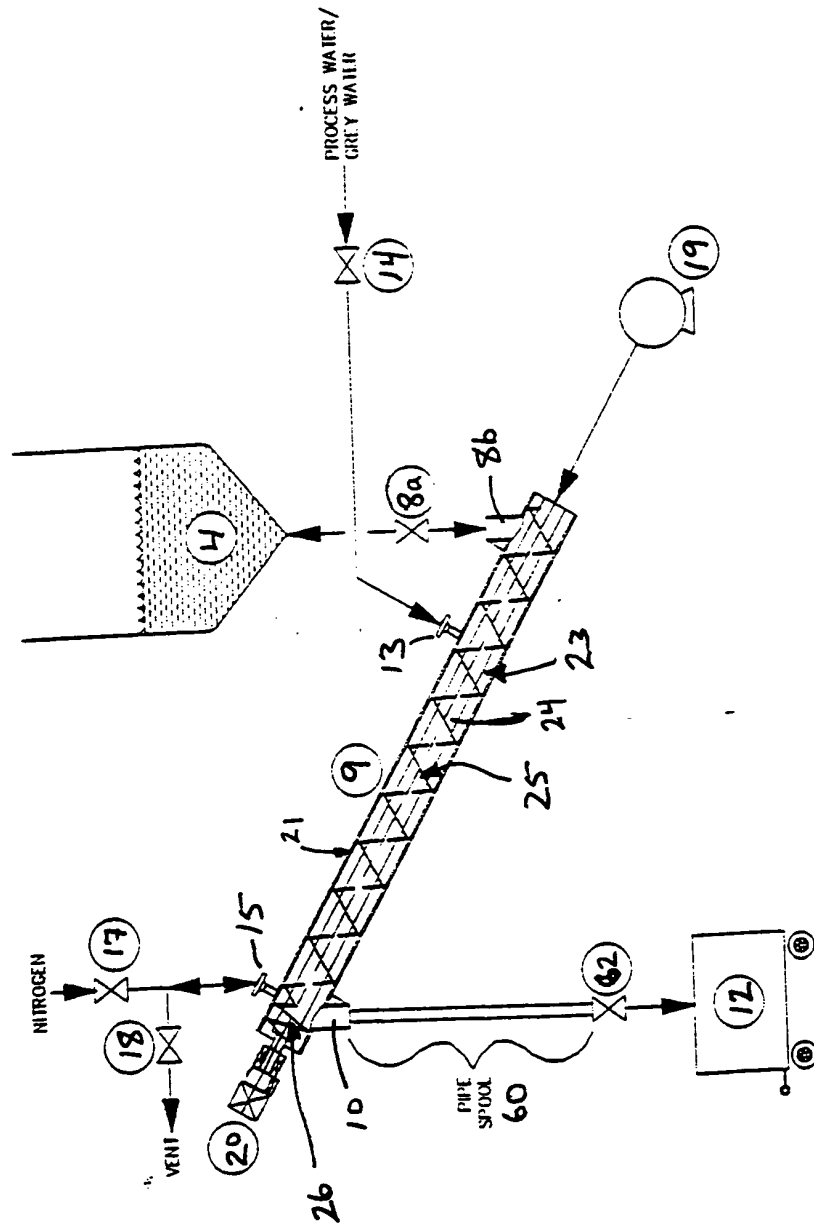


FIG. 2d

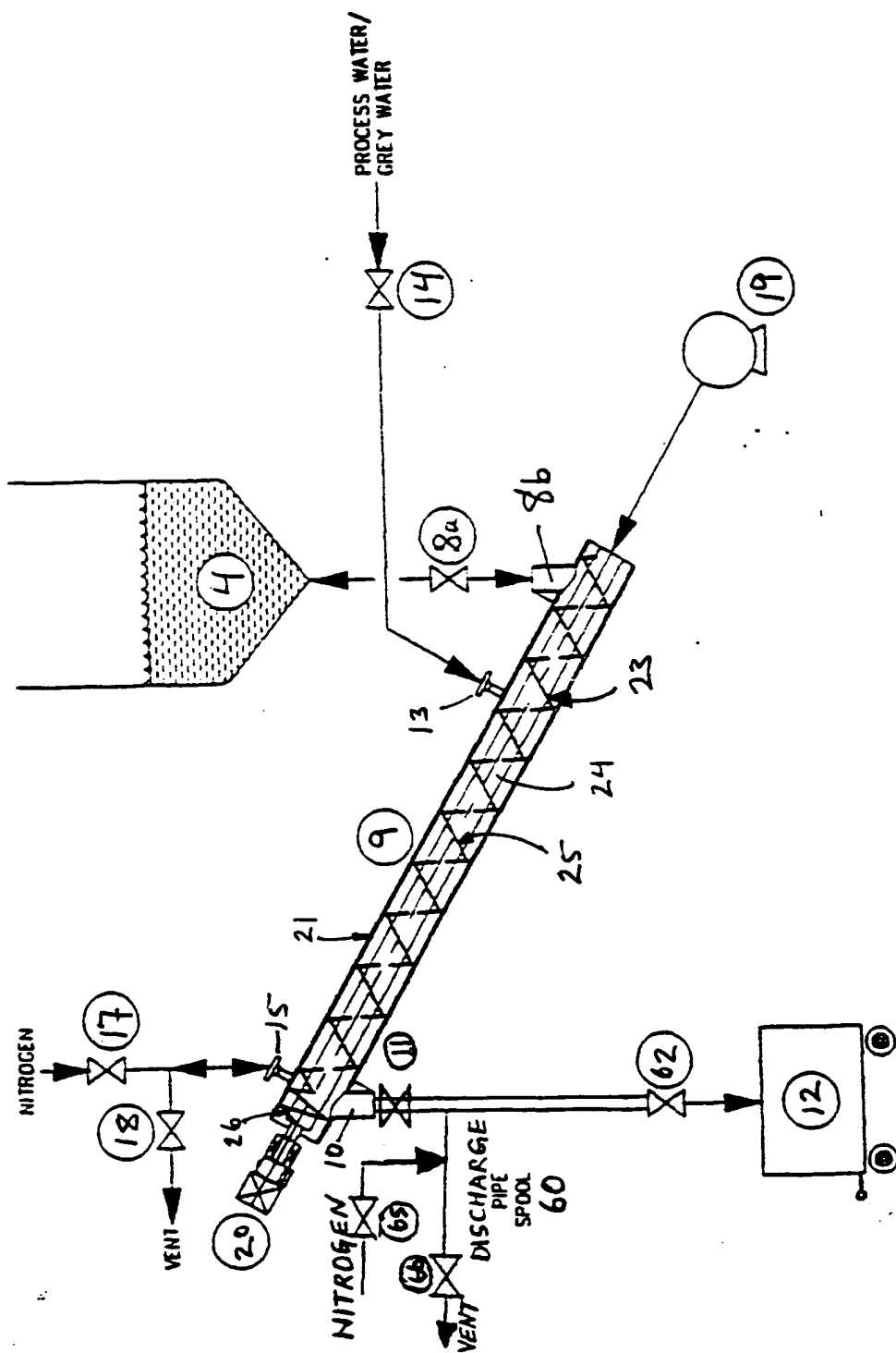


FIG. 2e

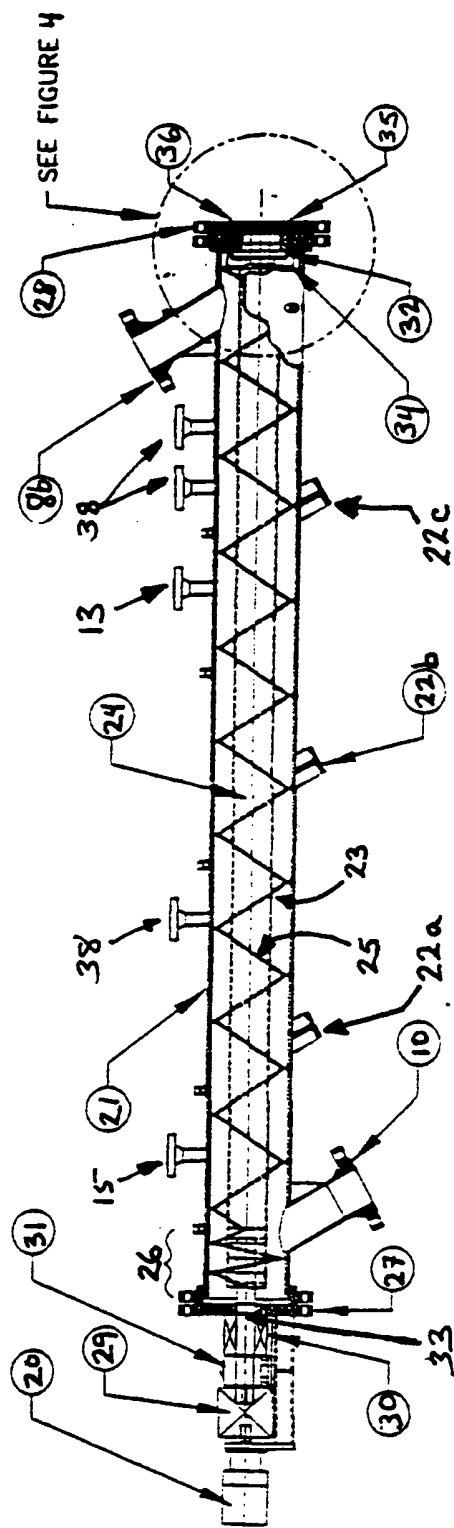


FIG. 3a

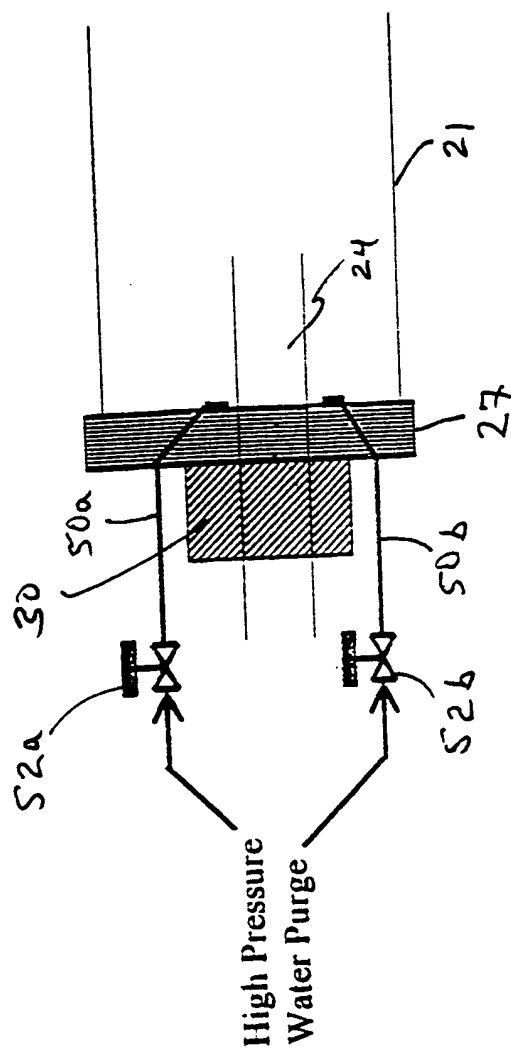


FIG. 3b

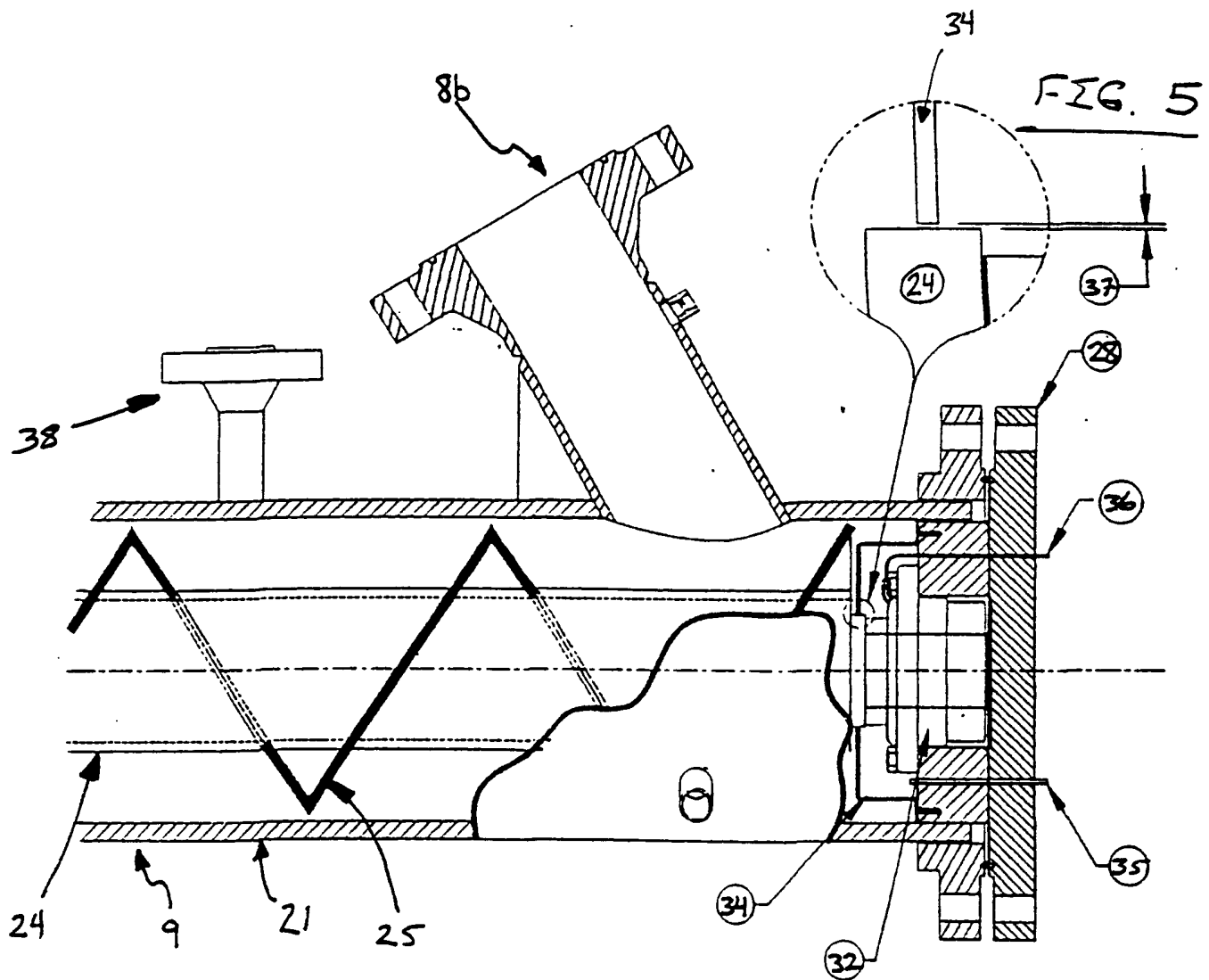
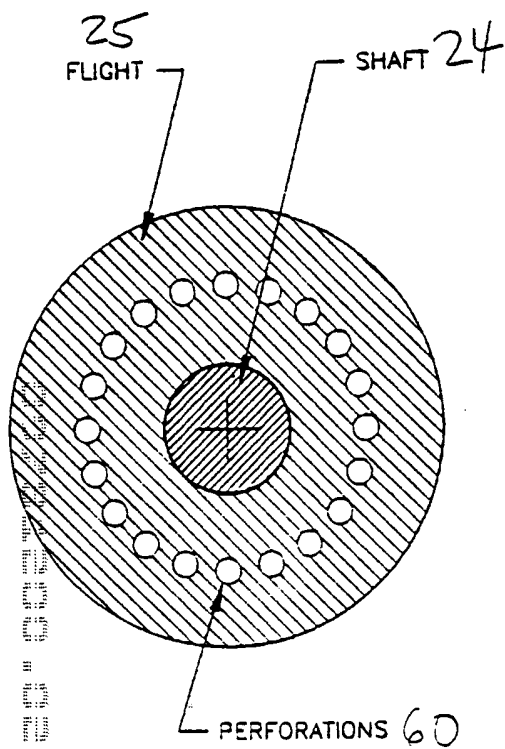
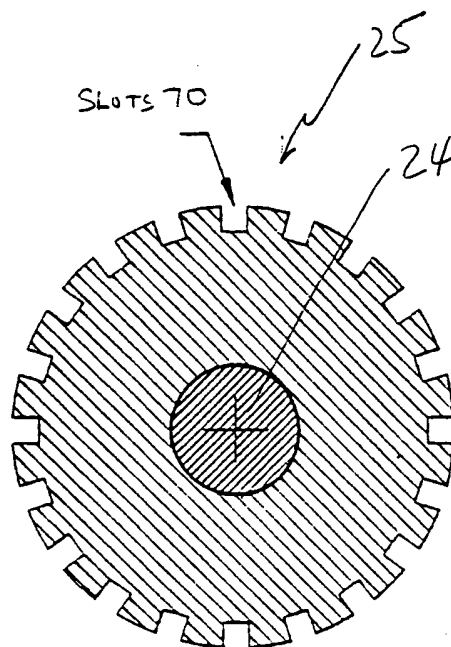


FIG. 4



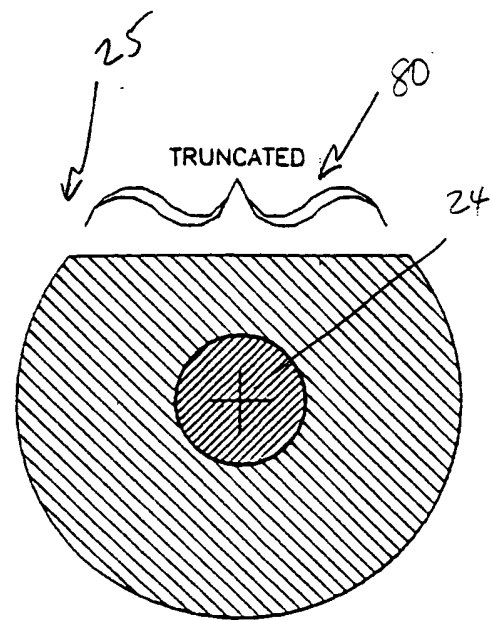
PERFORATED
FLIGHT

FIG. 6



SLOTTED
FLIGHT

FIG. 7



PARTIALLY TRUNCATED
FLIGHT

FIG. 8

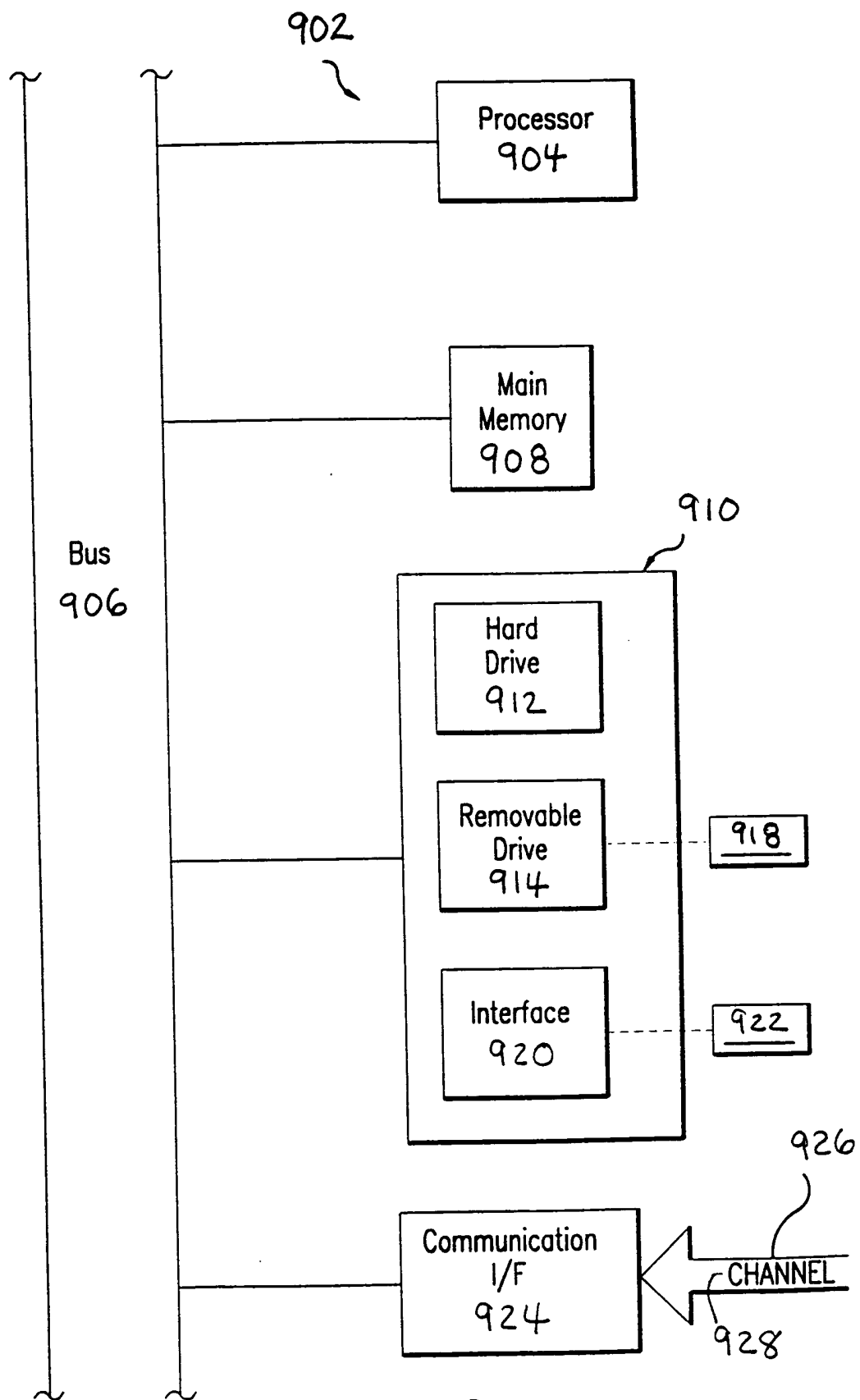


FIG. 9